

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/003274

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G06K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>KIM T-K ET AL: "COMPONENT-BASED LDA FACE DESCRIPTOR FOR IMAGE RETRIEVAL"          PROCEEDINGS OF THE BRITISH MACHINE VISION CONFERENCE, XX, XX, 2 September 2002 (2002-09-02), pages 507-516, XP008023183</p> <p>page 509, paragraph 2          page 510, paragraph 2          page 511, paragraph 3 – page 512, paragraph 4</p> <p>-----</p> <p>-/-</p>	1,2,6-8, 10,11, 15-17

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the International search

11 March 2005

Date of mailing of the International search report

06/04/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HUANG J ET AL: "Component-based face recognition with 3D morphable models" AUDIO- AND VIDEO-BASED BIOMETRIC PERSON AUTHENTICATION. 4TH INTERNATIONAL CONFERENCE, AVBPA 2003. PROCEEDINGS (LECTURE NOTES IN COMPUTER SCIENCE VOL.2688) SPRINGER-VERLAG BERLIN, GERMANY, 9 June 2003 (2003-06-09), pages 27-34, XP002320759 ISBN: 3-540-40302-7 the whole document	1-8, 10-17
Y	US 2003/044067 A1 (HUANG YEA-SHUAN ET AL) 6 March 2003 (2003-03-06) abstract; figure 1 page 245 - page 246, left-hand column, paragraph 2	1-8, 10-17
A	HEISELE B ET AL: "Learning and vision machines" PROCEEDINGS OF THE IEEE IEEE USA, vol. 90, no. 7, July 2002 (2002-07), pages 1164-1177, XP002320758 ISSN: 0018-9219 abstract; figure 5 page 1167, right-hand column, paragraph 6 - page 1171, left-hand column, paragraph 2	6,7,15, 16
A	PAUL VIOLA: "Complex Feature Recognition: A Bayesian Approach for Learning to Recognize Objects" AI MEMO NO. 1591, MIT, AI LAB, 11 November 1996 (1996-11-11), pages 1-21, XP002320760 BOSTON, MASS, USA abstract; figures 1,2	8,17

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003044067	A1 06-03-2003	NONE	